



# Syringe Filter

ZenPure's 25, 40, 50 and 65 mm syringe filters are convenient, ready-to-use devices intended for laboratory scale-up evaluation and laboratory applications. The Polypropylene housing contains a choice of PES, Polyethylene or PTFE membrane in absolute-rated 0.2 µm, 0.1 or 0.4 µm. The filters are available sterile (individually bagged) or non-sterile (bulk-packed). All materials are biosafe, non-cytotoxic and non-pyrogenic and are assembled using. Manufactured from materials that conform to the requirements of 21 CFR part 177 of the U.S. Code of Federal Regulations. The PES, PTFE, polypropylene and glass fiber also comply with the USP class VI Biological test for plastics. For the difficult filter solutions our sterile filters are available with glass fiber or polypropylene pre-filters.

## Design Features:

- Polypropylene housing
- Sterile version (individually packed)
- Non-sterile version (bulk-packed)
- PES membrane in 0.2 µm, 0.1 or 0.4 µm
- PTFE membrane in 0.2 µm, 0.1 or 0.4 µm
- Polyethylene membrane in 0.2 µm
- Glass fiber and Polypropylene pre-filters are available
- Available in four diameters, 25 mm, 40mm, 50mm and 65 mm
- Effective Area, 4.6 cm<sup>2</sup>, 12.6 cm<sup>2</sup>, 15.9 cm<sup>2</sup> and 33.5 cm<sup>2</sup>
- Maximum operating pressure 60 PSIG @ 77 F
- Luer connections
- All materials are biosafe in compliance with USP Class VI Plastics biological reactivity tests



## Typical Applications

- Serum & serum additives
- Growth media, additives & buffers
- Microbiological solutions
- Drug Screening
- Protein Purification
- Monoclonal antibodies
- DNA solutions
- Antibiotics
- Biologicals
- Pharmaceutical preparations & intermediates
- Chromatography solutions • Reagents

Syringe Filters	Filter Media	Pore Sizes (Micron)			Inlet Fitting LF = Luer Lock Female LM = Luer Lock Male LS = Luer Lock Male Slip	Outlet Fitting LF = Luer Lock Female LM = Luer Lock Male LS = Luer Lock Male Slip 2H = 1/4" Hose Barb	Options Blank = Polypropylene -1 = Single Bagged -E = Polyethylene Shell (for Gamma Stability) -ETO = Ethylene Oxide Sterilization
		Polyethylene (E)	PTFE (F)	PES (S)			
<b>D25C</b> = 25mm <b>D40C</b> = 40mm <b>D50C</b> = 50mm <b>D65C</b> = 65mm	<b>E</b> = Polyethylene <b>F</b> = PTFE <b>S</b> = PES	<b>020</b> = 0.20 <b>100</b> = 1.0 <b>150</b> = 1.5 <b>250</b> = 2.5	<b>010</b> = 0.10 <b>020</b> = 0.20 <b>045</b> = 0.45 <b>100</b> = 1.0 <b>300</b> = 3.0 <b>500</b> = 5.0 <b>999</b> = 10	<b>005</b> = 0.05 <b>010</b> = 0.10 <b>020</b> = 0.20 <b>045</b> = 0.45 <b>065</b> = 0.65 <b>080</b> = 0.80 <b>120</b> = 1.20			

**Example** – 1.0 Micron Nylon Filter Media with 1/4-3/8" hose barb fitting inlet and outlet would be **D25CN1003H3H**

